

Prof. Dr. **Jaroslav Sandanus (Slovakia)**
 Slovak University of Technology in Bratislava
 Bratislava, Slovakia
[jaroslav.sandanus\(at\)stuba.sk](mailto:jaroslav.sandanus(at)stuba.sk)
 COST FP1402, MC Member, WG4 Member



<i>Personal</i>		<i>Organisation</i>		
Years of experience in relevant field: 21 Expertise: Composite timber-concrete structures, diagnostics and refurbishment of historical timber structures Degree: Assoc.Prof (25.05.2011)		Slovak University of Technology in Bratislava (www.svf.stuba.sk) Focus: theoretical and practical research / innovation, design of structures and education and training Facilities: Mobile testing devices (force and displacement transducers, strain gauges, pressure devices, moisture meter)		
		No. of staff	PhD students	MSc/year
		3	1	12
<i>Research projects</i>				
1. Composite beams made of wood, concrete, and high-strength materials. Their real features, serviceability, reconstructions, joints, rheology and ecology (VEGA 1/1032/11) 2. Timber and combined beams - real operation, development, reconstructions (VEGA 1/3309/06)				
<i>Publications</i>				
1. Poštulka, J., Sandanus, J.: Berechnungsverfahren für eine Holz-Beton-Verbunddecke mit Nägeln als Verbindungsmittel. In: Bautechnik, 1999, 76 (11), pp. 1026-1030, ISSN 0932-8351 2. Sandanus, J.: Parametric study of the factors affecting the resistance of a composite timber-concrete cross-section In: Wood Research, 2007, 52 (3), pp. 109-114, ISSN 1336-4561 3. Blesák, L. – Sandanus, J. – Draškovič, F.: Modification of physical, mechanical and stiffness features of timber and its influence on the resistance of a connection timber-timber. In: Wood Research, 2012, 57 (4), pp. 601-612, ISSN 1336-4561				

